

Form PTO-1449 INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)			Docket Number (Optional) APB1-P05-008	Application Number 10/040,430		
JUN 17 2002			Applicant Crabtree et al.			
			Filing Date January 7, 2002	Group Art Unit 1636		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CM	AA 6,171,781	1/9/01	Crabtree et al.	—	—	
	AB 6,150,099	11/21/00	Crabtree et al.	—	—	RECEIVED
	AC 6,096,513	8/1/00	Crabtree et al.	—	—	JUN 21 2002
	AD 5,837,840	11/17/98	Crabtree et al.	—	—	
	AE 5,656,452	8/12/97	Rao et al.	—	—	TECH CENTER 1600/2900
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO
CM	AF WO 95/08554	3/30/95	PCT	—	—	
	AG WO 95/02053	1/19/95	PCT	—	—	
	AH WO 94/15964	7/21/94	PCT	—	—	
	AI WO 93/04203	3/4/93	PCT	—	—	
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages Etc.)</i>						
CM	AJ	Arai et al. U.S. Application No. 08/148,061 filed 1/15/93.				
CM	AK	Arai et al. U.S. Application No. 08/113,971 filed 8/30/93.				
CM	AL	Arai et al. U.S. Application No. 08/099,998 filed 7/30/93.				
CM	AM	Arai et al. U.S. Application No. 08/088,483 filed 7/6/93.				
CM	AN	Banerji, S. et al. The immunosuppressant FK-506 specifically inhibits mitogen-induced activation of the interleukin-2 promoter and the isolated enhancer elements NFIL-2A and NF-AT1. <i>Mol. Cell. Biol.</i> 11, 4074-4087 (1991).				
	AO	Bierer, B. et al. Two distinct signal transmission pathways in T lymphocytes are inhibited by complexes formed between an immunophilin and either FK506 or rapamycin. <i>PNAS</i> 87, 9231-9235 (1990).				
	AP	Clipstone, N. & Crabtree, G. Calcineurin is a key signaling enzyme in T lymphocyte activation and the target of the immunosuppressive drugs cyclosporin A and FK506. <i>Ann. N. Y. Acad. Sci.</i> 696, 20-30 (1993).				
	AQ	Clipstone, N. & Crabtree, G. Identification of calcineurin as a key signaling enzyme in lymphocyte activation. <i>Nature</i> 357, 695-697 (1992).				
CM	AR	Crabtree, G. Contingent genetic regulatory events in T lymphocyte activation. <i>Science</i> 243, 355-361 (1989).				

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		Applicant Crabtree et al.	JUN 17 2002
		Filing Date January 7, 2002	Group Art Unit 1656
RECEIVED			
<i>C4</i>	AS	Crabtree, G. Pathways of T lymphocyte activation. <i>Abstract of NIH Grant No. R01CA39612</i> (1998).	
	AT	Crabtree, G. Pathways of T lymphocyte activation. <i>Abstract of NIH Grant No. R01CA39612</i> (1998). TECH CENTER 1600/2900	
	AU	Crabtree, G. & Clipstone, N. Signal transmission between plasma membrane and nucleus of T lymphocyte. <i>Ann. Rev. Biochem.</i> 63, 1045-1083 (1994).	
	AV	Durand, D. et al. Characterization of antigen receptor response elements within the interleukin-2 enhancer. <i>Mol. Cell. Biol.</i> 8, 1715-1724 (1988).	
	AW	Emmel, E. et al. Nuclear association of a T-Cell transcription factor blocked by FK-506 and cyclosporin A. <i>Nature</i> 352, 803-807 (1991).	
	AX	Flanagan, W. et al. Nuclear association of a T-cell transcription factor blocked by FK506 and cyclosporin A. <i>Nature</i> 352, 803-807 (1991).	
	AY	Ho, S. et al. Cloning and characterization of NF-ATc and NF-ATp: the cytoplasmic components of NF-AT. <i>Adv. Exp. Med. Biol.</i> 365, 167 (1994).	
	AZ	Israel, A. NF-AT comes under control. <i>Nature</i> 369, 443-444 (1994).	
	BA	Jain et al. Analysis of the preexisting and nuclear forms of nuclear factor of activated T cells. <i>J. Immunol.</i> 151, 837-848 (1993).	
	BB	Jain, J. et al. Nuclear factor of activated T cells contains Fos and Jun. <i>Nature</i> 356, 801-804 (1992).	
	BC	Jain et al. The T cell transcription factor NF-ATp is a substrate for calcineurin and interacts with Fos and Jun. <i>Nature</i> 365, 352-355 (1993).	
	BD	Jin, Y. et al. Molecular cloning of a membrane-associated human FK-506 and rapamycin-binding protein FKBP-13. <i>PNAS</i> 88, 6677-6681 (1991).	
	BE	Matilla, P. et al. The actions of cyclosporin A and FK506 suggest a novel step in the activation of T lymphocytes. <i>EMBO J.</i> 9, 4425-4433 (1990).	
	BF	McCaffrey et al. Isolation of the cyclosporin-sensitive T cell transcription factor NF-ATp. <i>Science</i> 262, 750-754 (1993).	
	BG	McCaffrey et al. NF-ATp, a T lymphocyte DNA-binding protein that is a target for calcineurin and immunosuppressive drugs. <i>J. Biol. Chem.</i> 268, 3747-3752 (1993).	
	BH	Northrop et al. Characterization of the nuclear and cytoplasmic components of the lymphoid-specific nuclear factor of activated T cells (NF-AT) complex. <i>J. Biol. Chem.</i> 268, 2917-2923 (1993).	
<i>C4</i>	BI	Northrop et al. NF-AT components define a family of transcription factors targeted in T-Cell Activation. <i>Nature</i> 369, 497-502 (1994).	

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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>		Docket Number (Optional) APBI-P05-008	Application Number 10/040,430
		Applicant Crabtree et al.	JUN 17 2002 U.S. PATENT AND TRADEMARK OFFICE RECEIVED GROUP ART UNIT 1656
		Filing Date January 7, 2002	
<i>C4</i>	BJ	Rao, A. NF-AT: a transcription factor required for the co-ordinate induction of several cytokine genes. <i>Immunology Today</i> 15, 274-281 (1994).	
	BK	Rao et al. U.S. Application No. 08/145,006, filed 5/11/93.	
	BL	Rao et al. U.S. Application No. 08/017,052 filed 2/11/93.	
	BM	Rao et al. U.S. Application No. 08/006,067 filed 1/15/93.	
	BN	Riegel, J. et al. Nuclear Events after activation of CD4+8+ thymocytes. <i>J. Immunol.</i> 144, 6-3611-3618 (1990).	
	BO	Shaw, J. et al. Identification of a putative regulator of early T cell activation genes. <i>Science</i> 241, 202-225 (1988).	
	BP	Schmidt, A. et al. Inducible Nuclear Factor Binding to the kB elements of the human immunodeficiency virus enhancer in T cells can be blocked by cyclosporin A in a signal-dependent manner. <i>J. Virology</i> 64, 4037-4041 (1990).	
	BQ	Schreiber, S. Chemistry and biology of the immunophilins and their immunosuppressive ligands. <i>Science</i> 251, 283-287 (1991).	
<i>C4</i>	BR	Verweij, C. et al. Cell type specificity and activation requirements for NF-AT-1 (Nuclear Factor of Activated T-cells) transcriptional activity determined by a new method using transgenic mice to assay transcriptional activity of an individual nuclear factor. <i>J. Biol. Chem.</i> 265, 15788-15795 (15 September 1990).	
EXAMINER <i>Carlo Mazzoni</i>		DATE CONSIDERED <i>10-14-02</i>	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			

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